

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: CORELITE

Report Number: P#

Luminaire Tested: **44ID-200-L835-CFD2**

Issue Date: 9/24/2021

This test was performed under the Supervised Manufacturer's Testing Program. The results of this test have not been influenced by sources from within Cooper Lighting Solutions or from external interests.



Test Information

Test Method: LM-79-08
Report Number: P#
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (13890049.01)
Test Lab: INNOVATION CENTER
Issue Date: 9/24/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: 44ID-200-L835-CFD2
Description: 20000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 3500K CCT, 80CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

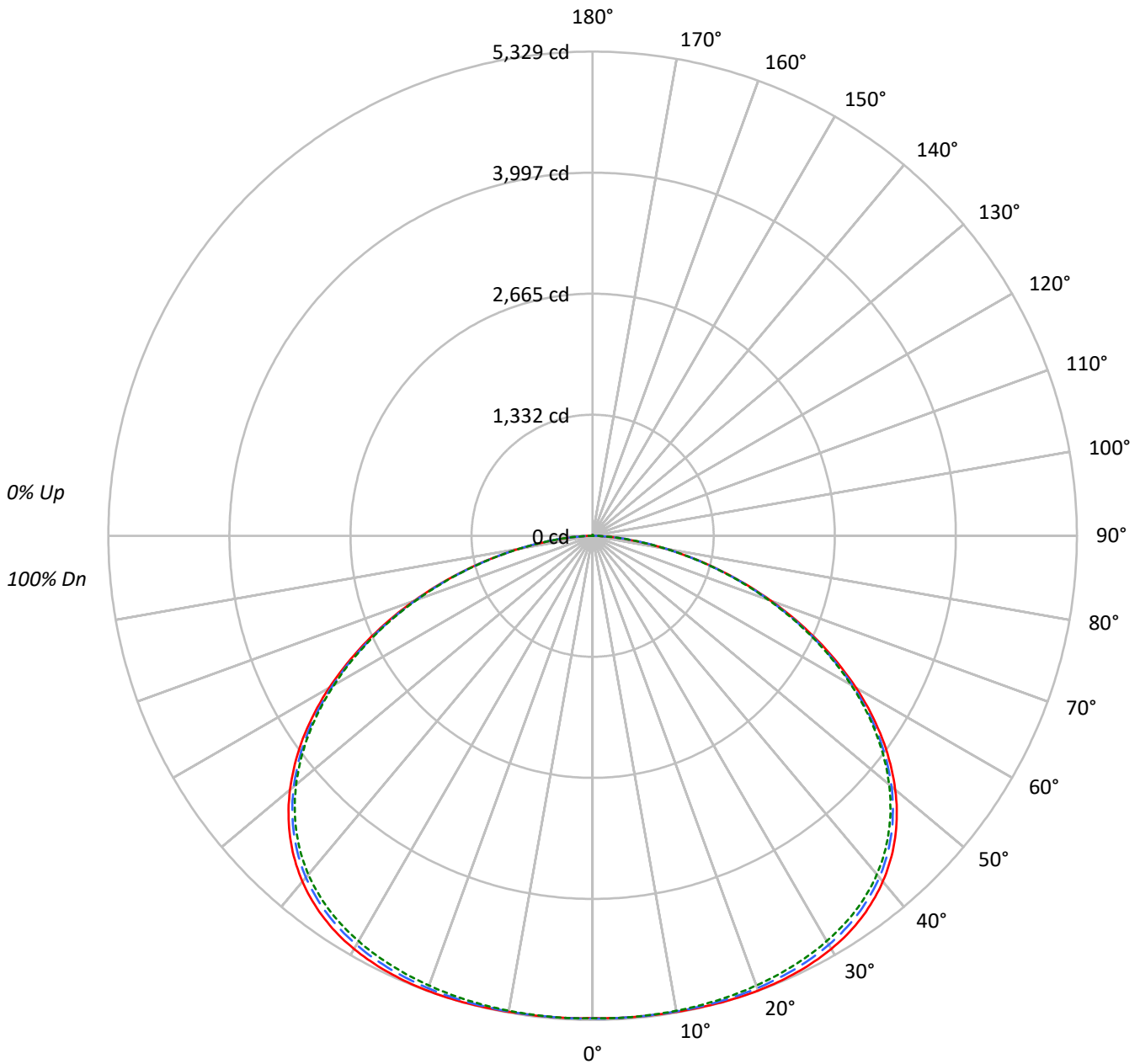
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19229.0 lumens
Efficiency: N/A
Efficacy: 117.1 lumens/watt
Spacing Criteria (0/90/45): 1.48 / 1.45 / 1.57
Luminous Opening: Rectangular w/ Sides (W: 3.88' x L: 3.88' x H: 0.17')
CIE Type: Direct

Input Watts (W): 164.2
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20					
RC	80					70					50					30					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0					
RCR																										
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100								
1	108	103	99	95	105	101	97	93	97	93	90	93	90	87	89	87	85	82								
2	98	89	82	76	95	87	81	75	84	78	73	80	76	71	77	73	70	68								
3	89	78	69	62	86	76	68	62	73	66	60	70	64	59	67	63	58	56								
4	81	68	59	52	78	67	58	52	64	57	51	62	55	50	60	54	49	47								
5	74	61	51	44	72	59	51	44	57	49	43	55	48	43	53	47	42	40								
6	68	54	45	38	66	53	44	38	51	43	38	50	43	37	48	42	37	35								
7	63	49	40	33	61	48	39	33	46	39	33	45	38	33	43	37	32	30								
8	58	44	36	29	57	44	35	29	42	35	29	41	34	29	40	33	29	27								
9	54	41	32	26	53	40	32	26	39	31	26	38	31	26	37	30	26	24								
10	51	37	29	24	50	37	29	24	36	28	23	35	28	23	34	28	23	21								

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	3791	3791	3791
5°	3795	3789	3794
10°	3828	3813	3819
15°	3893	3864	3869
20°	3984	3938	3940
25°	4097	4032	4033
30°	4224	4140	4144
35°	4353	4251	4264
40°	4468	4352	4377
45°	4555	4423	4461
50°	4593	4447	4500
55°	4563	4402	4473
60°	4448	4271	4367
65°	4233	4044	4165
70°	3898	3696	3838
75°	3403	3198	3366
80°	2701	2507	2681
85°	1678	1513	1717



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	507.4	2.6
10°-20°	1505.1	7.8
20°-30°	2433.2	12.7
30°-40°	3186.9	16.6
40°-50°	3584.7	18.6
50°-60°	3430.2	17.8
60°-70°	2675.3	13.9
70°-80°	1507.7	7.8
80°-90°	373.1	1.9
90°-100°	1.3	0.0
100°-110°	2.2	0.0
110°-120°	3.9	0.0
120°-130°	6.1	0.0
130°-140°	4.8	0.0
140°-150°	3.0	0.0
150°-160°	2.2	0.0
160°-170°	1.4	0.0
170°-180°	0.5	0.0
0°-30°	4445.7	23.1
0°-40°	7632.7	39.7
0°-60°	14647.6	76.2
0°-90°	19203.6	99.9
90°-120°	7.4	0.0
90°-150°	21.3	0.1
90°-180°	25.0	0.1
0°-180°	19229.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5310	5310	5310	5310	5310	
5°	5316	5317	5316	5316	5314	508
15°	5327	5326	5313	5301	5295	1510
25°	5305	5296	5264	5234	5222	2452
35°	5145	5128	5085	5054	5040	3221
45°	4706	4685	4647	4625	4608	3625
55°	3891	3870	3843	3826	3814	3468
65°	2737	2726	2706	2698	2693	2702
75°	1431	1431	1422	1420	1416	1517
85°	305	309	313	315	312	354
90°	3	3	3	3	3	15
95°	1	1	1	1	1	1
105°	2	2	2	2	2	2
115°	4	4	4	4	4	4
125°	8	7	7	7	7	6
135°	7	6	6	6	6	5
145°	5	5	5	4	5	3
155°	5	5	5	5	5	2
165°	5	5	5	5	5	1
175°	6	6	6	6	6	1
180°	5	5	5	5	5	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	5310.5	5310.5	5310.5	5310.5	5310.5
0.5°	5309.2	5313.1	5314.4	5313.1	5310.5
1°	5310.5	5313.1	5314.4	5314.4	5311.8
1.5°	5311.8	5314.4	5314.4	5314.4	5313.1
2°	5311.8	5314.4	5314.4	5315.7	5313.1
2.5°	5313.1	5315.7	5315.7	5315.7	5313.1
3°	5314.4	5315.7	5315.7	5315.7	5314.4
3.5°	5314.4	5315.7	5315.7	5315.7	5314.4
4°	5315.7	5315.7	5315.7	5315.7	5314.4
4.5°	5315.7	5317.0	5315.7	5315.7	5314.4
5°	5315.7	5317.0	5315.7	5315.7	5314.4
5.5°	5315.7	5317.0	5315.7	5315.7	5314.4
6°	5317.0	5317.0	5315.7	5315.7	5313.1
6.5°	5317.0	5318.3	5317.0	5315.7	5313.1
7°	5317.0	5318.3	5315.7	5315.7	5313.1
7.5°	5317.0	5318.3	5315.7	5314.4	5311.8
8°	5318.3	5318.3	5317.0	5314.4	5311.8
8.5°	5318.3	5319.6	5315.7	5314.4	5310.5
9°	5319.6	5319.6	5317.0	5313.1	5310.5
9.5°	5319.6	5320.9	5315.7	5313.1	5309.2
10°	5320.9	5320.9	5315.7	5311.8	5307.9
10.5°	5322.1	5322.1	5315.7	5311.8	5307.9
11°	5322.1	5322.1	5315.7	5310.5	5306.6
11.5°	5323.4	5323.4	5315.7	5309.2	5305.3
12°	5323.4	5323.4	5315.7	5309.2	5304.0
12.5°	5324.7	5323.4	5314.4	5307.9	5302.7
13°	5324.7	5323.4	5314.4	5306.6	5301.4
13.5°	5326.0	5324.7	5314.4	5305.3	5300.1
14°	5326.0	5324.7	5314.4	5304.0	5297.5
14.5°	5327.3	5324.7	5313.1	5302.7	5296.2
15°	5327.3	5326.0	5313.1	5301.4	5294.9
15.5°	5328.6	5326.0	5311.8	5298.8	5292.4
16°	5327.3	5326.0	5310.5	5297.5	5289.8
16.5°	5328.6	5326.0	5310.5	5294.9	5287.2
17°	5328.6	5324.7	5309.2	5292.4	5285.9
17.5°	5328.6	5324.7	5306.6	5291.1	5283.3
18°	5328.6	5324.7	5305.3	5288.5	5279.4
18.5°	5328.6	5323.4	5304.0	5285.9	5276.8
19°	5327.3	5323.4	5302.7	5283.3	5274.2
19.5°	5327.3	5322.1	5300.1	5279.4	5270.3
20°	5326.0	5320.9	5297.5	5276.8	5267.7
20.5°	5324.7	5319.6	5296.2	5274.2	5263.9
21°	5324.7	5318.3	5293.7	5270.3	5260.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	5319.6	5311.8	5284.6	5258.7	5247.0
23°	5317.0	5309.2	5280.7	5254.8	5243.1
23.5°	5314.4	5306.6	5276.8	5249.6	5238.0
24°	5311.8	5304.0	5272.9	5244.4	5232.8
24.5°	5309.2	5300.1	5269.0	5239.3	5227.6
25°	5305.3	5296.2	5263.9	5234.1	5222.4
25.5°	5301.4	5292.4	5258.7	5228.9	5215.9
26°	5297.5	5288.5	5253.5	5223.7	5210.8
26.5°	5293.7	5283.3	5248.3	5217.2	5204.3
27°	5288.5	5278.1	5241.8	5210.8	5197.8
27.5°	5283.3	5272.9	5235.4	5204.3	5191.3
28°	5278.1	5266.5	5228.9	5197.8	5184.9
28.5°	5271.6	5260.0	5222.4	5190.0	5177.1
29°	5265.2	5253.5	5214.6	5182.3	5169.3
29.5°	5258.7	5245.7	5206.9	5174.5	5160.2
30°	5250.9	5238.0	5197.8	5165.4	5151.2
30.5°	5243.1	5230.2	5188.7	5156.4	5143.4
31°	5234.1	5221.1	5179.7	5147.3	5133.0
31.5°	5226.3	5212.1	5169.3	5138.2	5124.0
32°	5215.9	5201.7	5160.2	5127.9	5113.6
32.5°	5205.6	5191.3	5148.6	5116.2	5102.0
33°	5195.2	5179.7	5136.9	5105.8	5090.3
33.5°	5183.6	5168.0	5125.3	5094.2	5078.6
34°	5170.6	5155.1	5112.3	5081.2	5067.0
34.5°	5157.7	5142.1	5099.4	5068.3	5054.0
35°	5144.7	5127.9	5085.1	5054.0	5039.8
35.5°	5130.5	5113.6	5070.9	5039.8	5025.5
36°	5116.2	5098.1	5055.3	5025.5	5010.0
36.5°	5099.4	5082.5	5039.8	5010.0	4995.7
37°	5082.5	5065.7	5022.9	4993.2	4978.9
37.5°	5065.7	5047.6	5006.1	4976.3	4960.8
38°	5047.6	5030.7	4988.0	4959.5	4943.9
38.5°	5029.4	5011.3	4968.5	4940.1	4925.8
39°	5010.0	4990.6	4949.1	4921.9	4906.4
39.5°	4989.3	4969.8	4929.7	4901.2	4886.9
40°	4967.3	4949.1	4907.7	4880.5	4866.2
40.5°	4946.5	4927.1	4885.7	4859.7	4844.2
41°	4923.2	4903.8	4863.6	4836.4	4820.9
41.5°	4898.6	4879.2	4839.0	4813.1	4797.6
42°	4874.0	4854.6	4814.4	4789.8	4773.0
42.5°	4848.1	4828.7	4788.5	4763.9	4748.4
43°	4822.2	4801.5	4762.6	4738.0	4722.5
43.5°	4795.0	4774.3	4735.4	4710.8	4695.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	4705.6	4684.9	4647.3	4625.3	4608.5
45.5°	4674.5	4652.5	4616.2	4594.2	4578.7
46°	4642.1	4620.1	4583.9	4561.8	4546.3
46.5°	4608.5	4586.5	4551.5	4529.5	4513.9
47°	4573.5	4552.8	4516.5	4497.1	4480.2
47.5°	4538.5	4516.5	4481.5	4462.1	4445.3
48°	4503.6	4480.2	4446.6	4425.8	4409.0
48.5°	4466.0	4444.0	4410.3	4390.9	4375.3
49°	4425.8	4405.1	4371.4	4350.7	4336.5
49.5°	4387.0	4366.3	4332.6	4313.2	4297.6
50°	4346.8	4324.8	4293.7	4274.3	4258.8
50.5°	4305.4	4283.4	4252.3	4232.9	4218.6
51°	4263.9	4241.9	4210.8	4191.4	4175.9
51.5°	4219.9	4197.9	4166.8	4148.7	4134.4
52°	4175.9	4153.8	4122.8	4105.9	4091.7
52.5°	4131.8	4109.8	4078.7	4060.6	4047.6
53°	4083.9	4063.2	4034.7	4017.8	4003.6
53.5°	4036.0	4015.2	3986.8	3969.9	3957.0
54°	3988.0	3967.3	3938.8	3922.0	3910.3
54.5°	3941.4	3919.4	3892.2	3875.4	3863.7
55°	3890.9	3870.2	3843.0	3826.1	3814.5
55.5°	3840.4	3819.7	3792.5	3775.6	3765.3
56°	3787.3	3767.9	3740.7	3726.4	3716.0
56.5°	3734.2	3716.0	3688.8	3674.6	3664.2
57°	3682.4	3662.9	3637.0	3624.1	3613.7
57.5°	3630.6	3609.8	3583.9	3571.0	3560.6
58°	3573.6	3554.1	3529.5	3516.6	3507.5
58.5°	3517.9	3499.7	3473.8	3462.2	3453.1
59°	3462.2	3444.0	3419.4	3407.8	3398.7
59.5°	3403.9	3387.1	3362.4	3350.8	3341.7
60°	3346.9	3328.8	3305.5	3295.1	3286.0
60.5°	3288.6	3273.1	3248.5	3238.1	3229.0
61°	3229.0	3213.5	3190.2	3179.8	3170.8
61.5°	3168.2	3155.2	3131.9	3121.5	3113.8
62°	3108.6	3095.6	3072.3	3063.2	3055.5
62.5°	3047.7	3034.8	3011.4	3002.4	2994.6
63°	2986.8	2973.9	2951.9	2942.8	2935.0
63.5°	2924.7	2911.7	2891.0	2881.9	2874.1
64°	2862.5	2849.5	2827.5	2821.0	2812.0
64.5°	2800.3	2787.4	2765.3	2758.9	2751.1
65°	2736.8	2726.5	2705.8	2698.0	2692.8
65.5°	2674.7	2661.7	2642.3	2635.8	2628.0
66°	2608.6	2598.3	2578.8	2572.4	2567.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	2416.9	2405.3	2388.4	2381.9	2375.5
68°	2350.9	2340.5	2323.7	2318.5	2312.0
68.5°	2284.8	2274.4	2257.6	2253.7	2249.8
69°	2218.7	2208.4	2194.1	2190.3	2185.1
69.5°	2154.0	2143.6	2130.7	2126.8	2120.3
70°	2087.9	2078.9	2065.9	2062.0	2055.5
70.5°	2021.9	2012.8	2001.1	1997.3	1990.8
71°	1955.8	1948.0	1937.7	1932.5	1926.0
71.5°	1891.1	1883.3	1871.6	1867.7	1862.6
72°	1825.0	1818.5	1806.9	1804.3	1797.8
72.5°	1758.9	1753.8	1742.1	1739.5	1734.3
73°	1692.9	1687.7	1676.0	1673.5	1669.6
73.5°	1628.1	1622.9	1612.6	1608.7	1604.8
74°	1563.4	1559.5	1549.1	1546.5	1541.3
74.5°	1497.3	1494.7	1485.6	1481.8	1477.9
75°	1431.2	1431.2	1422.2	1419.6	1415.7
75.5°	1367.8	1367.8	1358.7	1356.1	1352.2
76°	1304.3	1304.3	1295.2	1292.8	1287.6
76.5°	1240.2	1240.7	1233.1	1230.4	1226.1
77°	1178.8	1179.3	1172.5	1169.0	1164.7
77.5°	1113.1	1116.2	1110.5	1107.4	1103.2
78°	1051.9	1055.8	1049.9	1047.5	1043.8
78.5°	994.1	996.6	992.8	989.8	984.8
79°	933.6	935.6	933.1	930.5	925.6
79.5°	874.0	877.3	875.6	873.3	867.6
80°	816.9	819.2	819.6	816.1	810.8
80.5°	756.8	761.6	762.4	758.9	756.2
81°	701.2	705.8	707.1	705.0	701.4
81.5°	646.6	651.9	653.1	651.9	647.2
82°	591.8	598.3	600.2	599.3	594.1
82.5°	539.5	546.7	548.8	548.0	543.2
83°	488.7	496.6	498.5	499.2	494.8
83.5°	439.6	447.1	449.6	450.4	445.6
84°	392.5	399.2	402.3	403.6	399.6
84.5°	347.6	353.1	356.8	358.5	356.6
85°	305.4	309.3	312.8	315.1	312.4
85.5°	264.5	267.6	270.2	273.8	271.6
86°	226.4	229.5	231.3	234.2	234.2
86.5°	190.1	191.6	193.0	196.4	196.4
87°	155.4	155.6	156.1	160.4	160.5
87.5°	119.9	121.0	121.5	125.2	126.5
88°	84.6	87.6	88.3	91.8	91.6
88.5°	59.8	59.8	59.7	63.2	64.0



TEST NUMBER: P#

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	2.8	2.7	2.8	3.0	2.7
90.5°	0.9	0.8	0.9	1.0	0.9
91°	0.9	0.8	0.8	0.9	0.8
91.5°	1.2	0.9	1.0	0.8	0.6
92°	0.9	0.9	0.9	1.0	0.9
92.5°	1.0	0.9	0.9	1.0	0.9
93°	1.0	1.0	1.0	0.9	0.8
93.5°	1.2	0.9	1.0	1.0	1.2
94°	1.2	1.0	1.2	1.0	1.3
94.5°	1.2	1.2	1.0	1.2	1.2
95°	1.2	0.9	1.2	1.0	1.3
95.5°	1.0	1.2	1.3	1.2	1.3
96°	1.4	1.4	1.2	1.2	1.3
96.5°	1.4	1.3	1.3	1.2	1.3
97°	1.4	1.3	1.4	1.2	1.6
97.5°	1.6	1.3	1.3	1.2	1.6
98°	1.7	1.4	1.4	1.4	1.7
98.5°	1.7	1.4	1.3	1.3	1.6
99°	1.6	1.6	1.4	1.3	1.4
99.5°	1.7	1.3	1.6	1.4	1.4
100°	1.7	1.6	1.6	1.6	1.7
100.5°	1.7	1.7	1.6	1.7	1.7
101°	1.8	1.6	1.6	1.6	1.6
101.5°	1.9	1.6	1.7	1.7	1.8
102°	2.1	1.7	1.8	1.7	1.8
102.5°	1.8	1.7	1.7	1.8	1.8
103°	1.8	1.6	1.8	1.7	1.8
103.5°	1.9	1.9	1.8	1.8	1.7
104°	2.2	1.9	1.9	1.8	1.7
104.5°	1.9	2.1	2.1	2.1	1.8
105°	2.3	2.1	1.9	2.2	2.2
105.5°	2.2	1.8	2.1	1.9	1.9
106°	2.1	2.1	2.2	2.2	2.3
106.5°	2.3	2.1	2.2	2.1	1.9
107°	2.2	2.2	2.3	2.3	2.1
107.5°	2.5	2.2	2.3	2.5	2.3
108°	2.5	2.2	2.1	2.5	2.2
108.5°	2.5	2.5	2.5	2.3	2.2
109°	2.6	2.5	2.5	2.5	2.6
109.5°	2.7	2.3	2.7	2.6	2.3
110°	2.6	2.6	2.6	2.7	2.6
110.5°	2.7	2.6	2.7	2.7	2.8
111°	2.7	2.8	2.8	2.8	2.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L835-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	3.1	3.2	3.4	3.2	3.0
113°	3.5	3.1	3.1	3.2	3.2
113.5°	3.5	3.5	3.5	3.6	3.6
114°	3.6	3.6	3.8	3.8	3.6
114.5°	3.9	3.9	3.8	3.8	3.5
115°	3.9	3.9	3.8	3.9	3.8
115.5°	4.3	3.9	4.1	4.0	3.8
116°	4.1	4.3	4.3	4.1	4.0
116.5°	4.4	4.4	4.4	4.4	4.3
117°	4.7	4.7	4.7	4.7	4.1
117.5°	4.9	4.7	4.8	4.7	4.4
118°	4.9	4.8	5.1	4.8	4.5
118.5°	5.3	5.1	5.1	4.9	4.8
119°	5.3	5.3	5.4	5.1	5.1
119.5°	5.4	5.4	5.4	5.3	5.2
120°	5.7	5.7	5.6	5.4	5.6
120.5°	5.8	5.6	5.8	5.7	5.6
121°	5.8	5.8	5.8	5.8	5.6
121.5°	6.5	6.2	6.1	5.8	5.8
122°	6.1	6.5	6.2	6.1	6.2
122.5°	6.6	6.5	6.3	6.3	6.1
123°	6.7	6.7	6.5	6.5	6.3
123.5°	6.7	7.0	6.6	6.3	6.6
124°	6.9	7.0	6.9	6.6	6.6
124.5°	7.3	7.0	6.9	6.7	6.7
125°	7.5	7.3	7.1	7.0	7.0
125.5°	7.5	7.4	7.1	7.0	7.1
126°	7.5	7.3	7.1	7.1	7.0
126.5°	7.3	7.4	7.5	7.1	7.3
127°	7.5	7.5	7.3	7.1	7.0
127.5°	7.8	7.6	7.5	7.1	7.0
128°	7.8	7.4	7.4	7.1	7.3
128.5°	7.5	7.5	7.3	7.0	7.3
129°	7.4	7.4	7.3	7.1	7.0
129.5°	7.3	7.4	7.3	7.1	7.1
130°	7.3	7.4	7.1	6.9	7.0
130.5°	7.5	7.3	7.3	6.6	7.0
131°	7.1	7.1	7.1	6.7	6.9
131.5°	7.3	7.0	6.7	6.6	6.7
132°	7.1	6.9	6.9	6.6	6.6
132.5°	7.1	6.9	6.7	6.6	6.7
133°	6.9	6.6	6.6	6.2	6.5
133.5°	7.0	6.6	6.3	6.1	6.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L835-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	6.7	6.3	6.1	6.0	6.5
135.5°	6.3	6.5	6.1	5.8	6.2
136°	6.2	6.1	5.8	5.6	6.2
136.5°	6.3	6.1	5.8	5.6	6.1
137°	6.2	6.0	5.8	5.6	6.0
137.5°	6.1	5.8	5.7	5.3	5.7
138°	6.0	5.7	5.4	5.3	5.7
138.5°	6.1	5.7	5.6	5.2	5.6
139°	5.3	5.6	5.4	4.9	5.7
139.5°	5.7	5.3	5.2	5.1	5.6
140°	5.6	5.2	5.3	4.9	5.2
140.5°	5.6	5.2	5.2	4.9	5.2
141°	5.3	5.2	5.1	4.7	4.9
141.5°	4.9	5.2	5.2	4.7	4.9
142°	4.8	4.8	5.1	4.8	4.5
142.5°	4.8	5.1	4.9	4.7	4.5
143°	5.1	4.9	4.9	4.8	4.5
143.5°	5.1	4.9	4.9	4.5	4.5
144°	5.1	4.7	5.1	4.4	4.7
144.5°	4.8	4.7	4.8	4.5	4.7
145°	4.9	4.7	4.8	4.3	4.7
145.5°	4.8	4.5	4.7	4.3	4.9
146°	4.8	4.5	4.4	4.3	4.7
146.5°	4.9	4.5	4.4	4.3	4.7
147°	4.8	4.5	4.3	4.4	4.4
147.5°	4.7	4.5	4.3	4.4	4.8
148°	4.8	4.5	4.4	4.3	4.8
148.5°	4.9	4.7	4.4	4.3	4.8
149°	4.8	4.5	4.4	4.3	4.8
149.5°	5.1	4.4	4.4	4.3	4.9
150°	4.9	4.7	4.4	4.3	4.8
150.5°	4.8	4.5	4.4	4.4	4.8
151°	5.1	4.5	4.3	4.4	5.1
151.5°	4.9	4.7	4.3	4.4	5.1
152°	5.1	4.7	4.5	4.7	4.8
152.5°	5.1	4.8	4.4	4.5	5.1
153°	4.9	4.7	4.5	4.8	5.2
153.5°	5.3	4.8	4.4	4.7	5.1
154°	5.1	4.8	4.7	4.7	5.1
154.5°	5.1	4.7	4.7	4.9	5.2
155°	4.8	4.8	4.8	4.9	5.3
155.5°	5.1	4.7	4.7	4.8	5.2
156°	4.8	4.8	4.8	4.8	5.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L835-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	4.8	4.5	4.7	4.9	5.1
158°	5.2	4.8	4.7	4.8	5.2
158.5°	4.9	4.8	4.5	4.8	5.1
159°	5.1	4.8	4.7	4.8	5.3
159.5°	4.9	4.7	4.7	4.8	5.4
160°	4.9	4.8	4.5	4.8	5.2
160.5°	4.8	4.7	4.7	4.9	5.2
161°	4.8	4.7	4.7	4.9	5.2
161.5°	4.9	4.8	4.7	4.7	4.9
162°	4.8	4.7	4.8	4.9	4.9
162.5°	5.1	4.9	4.8	4.8	5.1
163°	5.1	4.8	4.9	4.9	4.9
163.5°	4.9	4.8	4.9	4.9	5.3
164°	4.8	4.9	4.8	5.2	5.2
164.5°	4.7	5.1	4.9	5.2	5.3
165°	4.8	4.8	4.7	5.1	5.2
165.5°	4.5	4.8	4.7	5.4	5.2
166°	4.9	4.9	4.8	5.2	5.1
166.5°	4.9	4.8	4.7	5.3	4.8
167°	4.8	5.2	4.8	5.4	5.3
167.5°	4.9	5.2	4.9	5.6	5.3
168°	5.1	5.1	4.8	5.4	5.2
168.5°	4.9	5.3	5.1	5.8	5.3
169°	5.3	5.2	4.8	5.8	5.3
169.5°	5.2	5.2	4.9	5.7	5.4
170°	5.3	5.2	5.1	5.8	5.3
170.5°	5.3	5.4	5.1	5.8	5.6
171°	5.3	5.3	5.3	5.8	5.7
171.5°	5.2	5.3	5.3	6.0	5.4
172°	5.2	5.3	5.4	6.0	5.6
172.5°	5.4	5.4	5.6	6.0	5.6
173°	5.2	5.2	5.6	6.0	5.7
173.5°	5.6	5.4	5.7	5.8	5.8
174°	5.7	5.7	6.1	6.0	5.7
174.5°	5.7	6.0	6.0	6.2	6.0
175°	6.1	6.0	6.1	6.2	5.8
175.5°	6.1	6.0	6.3	6.1	6.1
176°	6.3	6.2	6.1	6.0	6.0
176.5°	6.5	6.1	6.2	5.7	6.0
177°	6.2	6.1	5.8	5.7	6.0
177.5°	6.3	6.1	5.7	5.6	6.1
178°	6.0	5.8	5.6	5.6	5.7
178.5°	5.8	5.7	5.4	5.4	5.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L835-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	5.1	5.1	5.1	5.1	5.1



Report Generated By 670246072 / DESKTOP-MV3F9LC





— 0°-180° - - 45°-225° - - - - 90°-270°







21.5°	5323.4	5317.0	5291.1	5266.5	5256.1
22°	5320.9	5314.4	5287.2	5262.6	5252.2



44°	4765.2	4745.8	4706.9	4683.6	4668.1
44.5°	4735.4	4714.7	4678.4	4653.8	4638.3



66.5°	2545.2	2534.8	2515.4	2508.9	2502.4
67°	2481.7	2470.0	2451.9	2445.4	2440.2



89°	37.8	37.2	36.8	38.7	39.2
89.5°	16.7	17.0	16.6	17.7	17.5



111.5°	3.2	2.8	3.0	3.0	2.8
112°	3.2	3.0	3.0	3.0	3.2



134°	6.6	6.5	6.3	6.2	6.6
134.5°	6.7	6.3	6.3	6.0	6.2



156.5°	5.1	4.7	4.8	4.9	5.1
157°	4.9	4.7	4.8	4.8	5.1



179°	5.6	5.4	5.2	5.3	5.6
179.5°	4.9	5.2	5.1	4.9	5.3



(END OF REPORT)